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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

	Application Number	10/668,044	
	Filing Date	September 22, 2003	
	First Named Inventor	Cynthia C. Bamdad	
	Art Unit	1645	
	Examiner Name	N/A	
Total Number of Pages in This Submission	6	Attorney Docket Number	M1015.70072US00

### ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	PTO/SB/08A, PTO/SB/08B and copies of the cited references A1-A8, B1-B6, C1-C7; and Return Receipt Postcard
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	<b>Remarks</b>	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Total Number of Pages in Submission does not include references.	

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Joseph Hyosuk Kim, Ph.D. Reg. No. 41,425 JHK Law
Signature	
Date	October 28, 2005

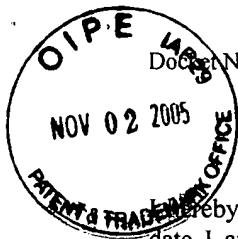
### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Harry Sung Lee		
Signature		Date	October 28, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Docket No. M1015.70072US00

PATENT

I hereby certify that on October 28, 2005, which is the date I am signing this certificate, I am depositing this correspondence and all identified attachments with the U.S. Postal Service, postage prepaid, in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Harry Lee  
Harry Lee

Applicant: **Cynthia C. Bamdad**  
Serial No.: **10/668,044**  
Filed: **September 22, 2003**  
Confirmation No.: **7297**  
Title: **CUSTOMIZED THERAPEUTICS  
AND IN SITU DIAGNOSTICS**  
Examiner: **N/A**  
Art Unit: **1645**  
Attorney Docket No.: **M1015.70072US00**

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

### INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. § 1.56, the references listed below and on the attached forms PTO/SB/08A and PTO/SB/08B (substitutes for form 1449/PTO) are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), as an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists. The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. Copies of the cited documents are enclosed.

#### English Language Documents:

US 5,968,479, ITO et al., October 19, 1999
US 6,395,257 B1, ACHILEFU et al., May 28, 2002
US 6,096,289, GOLDENBERG, August 1, 2000
US 5,990,479, WEISS et al., November 23, 1999
US 6,207,392 B1, WEISS et al., March 27, 2001

US 2003/0036199 A1, BAMDAD et al., February 20, 2003
U.S. Patent Application No. 09/631,818, BAMDAD, Cynthia, filed August 3, 2000 (Abandoned)
U.S. Patent Application No. 09/602,778, BAMDAD, Cynthia, filed June 23, 2000 (Abandoned)
WO 02/056022 A2, BAMDAD et al., July 18, 2002
WO 02/39999 A2, BAMDAD et al., May 23, 2002
WO 00/43783 A2, BAMDAD et al., July 27, 2000
WO 00/43791 A2, BAMDAD et al., July 27, 2000
WO 01/92277 A1, BAMDAD et al., December 6, 2001
WO 02/01230 A2, BAMDAD et al., January 3, 2002
KNIGHT, Andrew W., "A review of recent trends in analytical applications of electrogenerated chemiluminescence", <i>TrAC Trends in Analytical Chemistry</i> (1999), 18(1): 47-62 (Abstract only)
KNIGHT and GREENWAY, "Occurrence, mechanisms, and analytical applications of electrogenerated chemiluminescence. A review", <i>The Analyst</i> (1994), 119(5), 879-890 (Abstract only)
STULTS et al., "Use of recombinant biotinylated aequorin in microtiter and membrane-based assays: purification of recombinant apoaequorin from <i>Escherichia coli</i> ", <i>Biochemistry</i> (1992), 31(5): 1433-1442 (Abstract only)
MENGELING et al., "A microplate assay for analysis of solution-phase glycosyltransferase reactions: determination of kinetic constants", <i>Anal. Biochem.</i> (1991), 199(2): 286-292 (Abstract only)
HASHIMOTO et al., "Construction of the Single-Chain Fv from 196-14 Antibody toward Ovarian Cancer-Associated Antigen CA125", <i>Biol. Pharm. Bull.</i> (1999), 22(10): 1068-1072 (Abstract only)
VAUGHAN et al., "Human Antibodies with Sub-nanomolar Affinities Isolated from a Large Non-immunized Phage Display Library", <i>Nature Biotechnology</i> (1996), 14: 309-314 (Abstract only)
Zhou et al., "Expression and purification of single-chain anti-HBx antibody in <i>Escherichia coli</i> ", <i>J. Cancer Res. Clin. Oncol.</i> (1997), 123: 609-613

It is respectfully requested that the Examiner indicate consideration of the cited references by returning copies of the attached forms PTO/SB/08A and PTO/SB/08B (substitutes for form 1449/PTO) with initials or other appropriate marks, and that the references be made of record as cited references in the application.

Also submitted herewith are copies of the International Search Report and the International Preliminary Examination Report for International application PCT/US02/08809.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits in the above-identified case. Therefore, no fee is required.

The Commissioner is authorized to charge JHK Law's Deposit Account No. **502486** for any fees required under 37 CFR §§ 1.16 and 1.17 and to credit any overpayment to said Deposit Account No. **502486**.

Respectfully submitted,

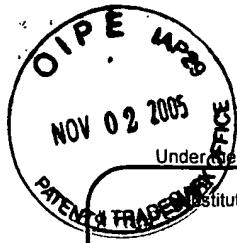
*Hyosuk Kim, Reg. No. 56,814*

October 28, 2005

Date

Joseph Hyosuk Kim, Ph.D.  
Reg. No. 41,425  
Attorney for Applicants

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## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

**(Use as many sheets as necessary)**

Sheet 1 of 1

**Complete if Known**

Application Number	10/668,044
Filing Date	September 22, 2003
First Named Inventor	Cynthia C. Bamdad
Art Unit	1645
Examiner Name	N/A
Allgemeine Rechte-Nr.	M1615-7007201200

Number M1015.700720500

**U. S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	B1	WO 02/056022 A2	07-18-2002	BAMDAD et al.	whole document	
	B2	WO 02/39999 A2	05-23-2002	BAMDAD et al.	whole document	
	B3	WO 00/43783 A2	07-27-2000	BAMDAD et al.	whole document	
	B4	WO 00/43791 A2	07-27-2000	BAMDAD et al.	whole document	
	B5	WO 01/92277 A1	12-06-2001	BAMDAD et al.	whole document	
	B6	WO 02/01230 A2	01-03-2002	BAMDAD et al.	whole document	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

1

**Complete if Known**

Application Number	10/668,044
Filing Date	September 22, 2003
First Named Inventor	Cynthia C. Bamdad
Art Unit	1645
Examiner Name	N/A

Attorney Docket Number M1015.70072US00

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C1	KNIGHT, Andrew W., "A review of recent trends in analytical applications of electrogenerated chemiluminescence", TrAC Trends in Analytical Chemistry (1999), 18(1): 47-62	
	C2	KNIGHT and GREENWAY, "Occurrence, mechanisms, and analytical applications of electrogenerated chemiluminescence. A review", The Analyst (1994), 119(5), 879-890	
	C3	STULTS et al., "Use of recombinant biotinylated aequorin in microtiter and membrane-based assays: purification of recombinant apoaequorin from Escherichia coli", Biochemistry (1992), 31(5): 1433-1442	
	C4	MENGELING et al., "A microplate assay for analysis of solution-phase glycosyltransferase reactions: determination of kinetic constants", Anal. Biochem. (1991), 199(2): 286-292	
	C5	HASHIMOTO et al., "Construction of the Single-Chain Fv from 196-14 Antibody toward Ovarian Cancer-Associated Antigen CA125", Biol. Pharm. Bull. (1999), 22(10): 1068-1072	
	C6	VAUGHAN et al., "Human Antibodies with Sub-nanomolar Affinities Isolated from a Large Non-immunized Phage Display Library", Nature Biotechnology (1996), 14: 309-314	
	C7	Zhou et al., "Expression and purification of single-chain anti-HBx antibody in Escherichia coli", J. Cancer Res. Clin. Oncol. (1997), 123: 609-613	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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